

VISIT...

LANZAROTE
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FACTORY/SITE ACCEPTANCE TEST
DOCUMENT

Section 5:

PLC Testing

PLC Standard Tests

Emergency Stop Verification

Purpose

To document the emergency stop connections for the PLC and I/O hardware.

Method

- a) Start up the system.
- b) Press in the mushroom headed emergency stop button mounted on the panel door.
- c) Verify that the e-stop button is wired directly to a Master Control Relay (MCR).
- d) Verify that the MCR turns off power to all PLC outputs.
- e) Verify that the e-stop is wired up to a PLC input point, and is used for status and alarm reasons only.

Complete the tables indicating verification of the following features.

Device Name	E-stops connected to MCR	E-stops connected to all Outputs	E-stop wiring to PLC input for status only	Initials & Date
PLC - _____	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	
PLC - _____	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	
PLC - _____	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	
PLC - _____	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	☐ Yes ☐ No ☐ N/A	

Acceptance Criteria

Verify that the emergency stop buttons function as required.

Number of Attached Documents: _____

Acceptance Criteria Met? _____

Comments _____

Performed By: _____

Date: _____

Approved By: _____

Date: _____